

PALM INTRANET

10/777,614

Day : Tuesday
Date: 1/15/2008
Time: 10:00:13

Inventor Name Search Result

SNRT

Your Search was:

Last Name = LAUGHARN

First Name = JAMES

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09530478	Not Issued	161	11/14/2000	Pressure-enhanced extraction and purification	LAUGHARN JR., JAMES A.
09830473	6719449	150	04/27/2001	APPARATUS AND METHOD FOR CONTROLLING SONIC TREATMENT	LAUGHARN JR., JAMES A.
60110460	Not Issued	159	12/01/1998	PERMEABILIZATION OF BIOLOGICAL SAMPLES BY SOUND WAVES	LAUGHARN JR., JAMES A.
60249527	Not Issued	159	11/17/2000	Acoustic-mediated dissociation of binding partners	LAUGHARN, JAMES A
09010892	6127534	150	01/22/1998	PRESSURE-MODULATED ION ACTIVITY	LAUGHARN, JAMES A
60076478	Not Issued	159	03/02/1998	PRESSURE-CONTROLLED NUCLEIC ACID HYBRIDIZATION	LAUGHARN, JAMES A
09214250	6635469	150	08/20/1999	PRESSURE-MEDIATED BINDING OF BIOMOLECULAR COMPLEXES	LAUGHARN, JAMES A.
09489586	6569672	150	01/21/2000	PRESSURE CYCLING REACTOR	LAUGHARN, JAMES A.
09678173	Not Issued	161	10/02/2000	Pressure-modulated ion activity	LAUGHARN, JAMES A.
09812262	6448065	150	03/19/2001	INTEGRATED SEQUENCING DEVICE	LAUGHARN, JAMES A.
09812723	6948843	150	03/20/2001	METHOD AND APPARATUS FOR ACOUSTICALLY CONTROLLING LIQUID SOLUTIONS IN MICROFLUIDIC DEVICES	LAUGHARN, JAMES A.
09898404	Not Issued	161	07/03/2001	Pressure-enhanced extraction and purification	LAUGHARN, JAMES A.
09901297	6753169	150	07/09/2001	PRESSURE-CONTROLLED NUCLEIC ACID HYBRIDIZATION	LAUGHARN, JAMES A.
09924266	6696019	150	08/07/2001	RAPID CRYOBARIC STERILIZATION AND VACCINE PREPARATION	LAUGHARN, JAMES A.
10134054	Not Issued	161	04/26/2002	Multichamber device for processing of biological samples using high pressure	LAUGHARN, JAMES A.
10770241	Not Issued	120	02/02/2004	RAPID CRYOBARIC STERILIZATION AND VACCINE PREPARATION	LAUGHARN, JAMES A.

<u>10777014</u>	Not Issued	71	02/11/2004	Apparatus and methods for controlling sonic treatment	LAUGHARN, JAMES A.
<u>10918878</u>	Not Issued	120	08/16/2004	Pressure-enhanced extraction and purification	LAUGHARN, JAMES A.
<u>11001988</u>	Not Issued	95	12/02/2004	APPARATUS AND METHODS FOR SAMPLE PREPARATION	LAUGHARN, JAMES A.
<u>11006002</u>	Not Issued	95	12/07/2004 =	SYSTEMS AND METHODS FOR DETERMINING A STATE OF FLUIDIZATION AND/OR A STATE OF MIXING	LAUGHARN, JAMES A.
<u>11167934</u>	Not Issued	30	06/27/2005	Method and apparatus for acoustically controlling liquid solutions in microfluidic devices	LAUGHARN, JAMES A.
<u>11295372</u>	Not Issued	30	12/05/2005	Methods and systems for modulating acoustic energy delivery	LAUGHARN, JAMES A.
<u>11484293</u>	Not Issued	25	07/10/2006	Multichamber device for processing of biological samples using high pressure	LAUGHARN, JAMES A.
<u>11497865</u>	Not Issued	30	08/01/2006	Methods and systems for compound management and sample preparation	LAUGHARN, JAMES A.
<u>11888708</u>	Not Issued	20	08/01/2007	Methods and apparatus for treating samples with acoustic energy	LAUGHARN, JAMES A.
<u>11894655</u>	Not Issued	25	08/20/2007	Apparatus and methods for controlling sonic treatment	LAUGHARN, JAMES A.
<u>11894805</u>	Not Issued	25	08/20/2007	Methods and systems for modulating acoustic energy delivery	LAUGHARN, JAMES A.
<u>11986274</u>	Not Issued	19	11/20/2007	Methods and apparatus for treating samples with acoustic energy to form particles and particulates	LAUGHARN, JAMES A.
<u>29222711</u>	Not Issued	93	02/03/2005	FLEXIBLE SAMPLE VESSEL	LAUGHARN, JAMES A.
<u>60181516</u>	Not Issued	159	02/10/2000	Pulsed acoustic energy for sonoablation of abnormalities of epithelial and adventitial tissue	LAUGHARN, JAMES A.
<u>60191297</u>	Not Issued	159	03/21/2000	METHOD AND APPARATUS FOR MICROSTREAM MIXING OF FLUIDIC LIQUID SOLUTIONS	LAUGHARN, JAMES A.
<u>60198923</u>	Not Issued	159	04/21/2000	Method and apparatus for microstream mixing of fluidic liquid solutions	LAUGHARN, JAMES A.
<u>60246838</u>	Not Issued	159	11/08/2000	Method and apparatus for microstream mixing of liquid solutions in micro fluidic devices	LAUGHARN, JAMES A.
<u>60528069</u>	Not Issued	159	12/08/2003	Apparatus and methods for solid sample preparation	LAUGHARN, JAMES A.
<u>60633215</u>	Not Issued	159	12/03/2004	Reflection transmission pinging	LAUGHARN, JAMES A.
<u>60685231</u>	Not Issued	159	05/27/2005	Methods and systems for controlling ultrasonic energy delivery	LAUGHARN, JAMES A.

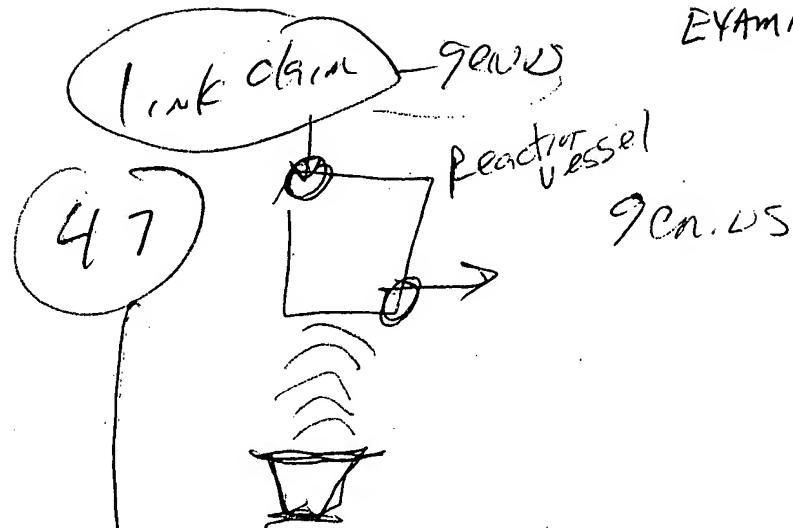
60704794	Not Issued	159	08/01/2005	Methods and systems for compound management and sample preparation	LAUGHARN, JAMES A.
60715660	Not Issued	159	09/09/2005	Methods and systems for compound management and sample preparation	LAUGHARN, JAMES A.
60834979	Not Issued	159	08/01/2006	Methods and apparatus for treating samples with acoustic energy	LAUGHARN, JAMES A.
60860598	Not Issued	159	11/22/2006	Methods and apparatus for treating samples with acoustic energy to form particles and particulates	LAUGHARN, JAMES A.
60923335	Not Issued	20	04/13/2007	Methods and apparatus for focused ultrasonic sample processing under high pressure	LAUGHARN, JAMES A.
60962998	Not Issued	20	08/01/2007	Methods and apparatus for focused ultrasonic sample processing under high pressure	LAUGHARN, JAMES A.
07065328	Not Issued	161	06/22/1987	ASSAY DEVICE	LAUGHARN, JAMES A.
07272457	4946603	150	11/17/1988	ELECTRONEGATIVELY CHARGED BLOOD FILTER AND BLOOD CELL SEPARATION METHOD	LAUGHARN, JAMES A.
08903156	Not Issued	161	07/30/1997	PRESSURE-MODULATED ION CONCENTRATION	LAUGHARN, JAMES A.
08903615	6245506	150	07/30/1997	INTEGRATED SEQUENCING DEVICE	LAUGHARN, JAMES A.
08962280	6111096	150	10/31/1997	NUCLEIC ACID ISOLATION AND PURIFICATION	LAUGHARN, JAMES A.
09016062	6274726	150	01/30/1998	PRESSURE-ENHANCED EXTRACTION AND PURIFICATION	LAUGHARN, JAMES A.
09035652	6258534	150	03/05/1998	PRESSURE-CONTROLLED NUCLEIC ACID HYBRIDIZATION	LAUGHARN, JAMES A.
09083651	6120985	150	05/22/1998	PRESSURE-ENHANCED EXTRACTION AND PURIFICATION	LAUGHARN, JAMES A.

Search and Display More Records.

Search Another: Inventor	<input style="width: 100%;" type="text" value="laugharn"/>	<input style="width: 100%;" type="text" value="james"/>
		<input style="width: 100px; height: 20px; border: 1px solid black; background-color: white;" type="button" value="Search"/>

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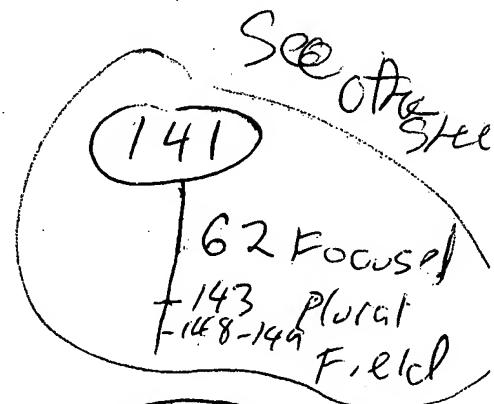


- 48 > LARGER / Smaller
- 49 SPECIES PROCESSORS
- 50 Processor - Flow
- 51 Process transducer
- 52 Process Frequency
- 53 Feed back sensor
 SAMPLE
 ,
 SAMPLE SENSOR
 PROCESSOR
- 54 SAMPLE SENSOR
 PROCESSOR
- | Flow control
 | 55 PROCESSOR
- | 56 transducer
 processor
- 57 Acoustic sample
 SENSOR - emission
- | 58 Acoustic sample
 sensor reflection
- 59 temp sensor w/ feedback
- 60 optical sensor - spectral
- 61 spectral info

63/
64(w)
65

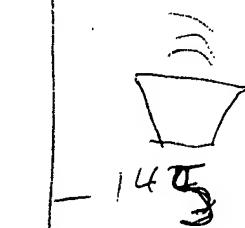
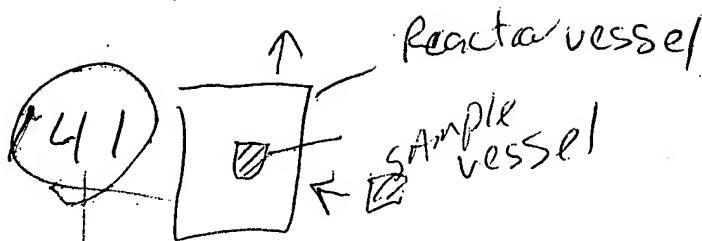
66 organic mat.
67 inorganic mat.
68 mineral
69 biological

excite; absorb; fluorescence; emission

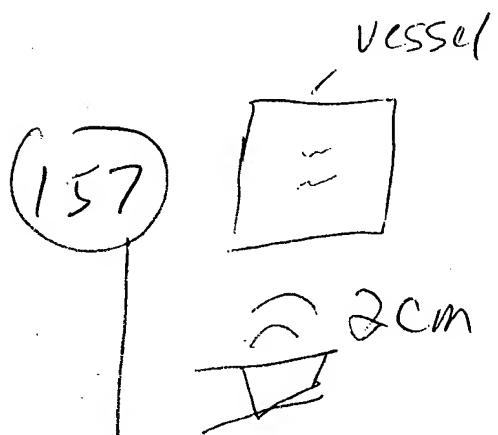


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- 70 sample inflow
- | 71 solvent
- 72 sample in
constituent
- | 73 solvent
- | 74 molecules
- | 75 antibody
- | 76 ligand
- | 77 Antibody
 | & Receptor
- | 78 (Nucle. &
 | Acid)
- | 79 (molecule
 | nucleic)
- 80 fluidic
 | samples
- 81 heating
- | 82 treatment
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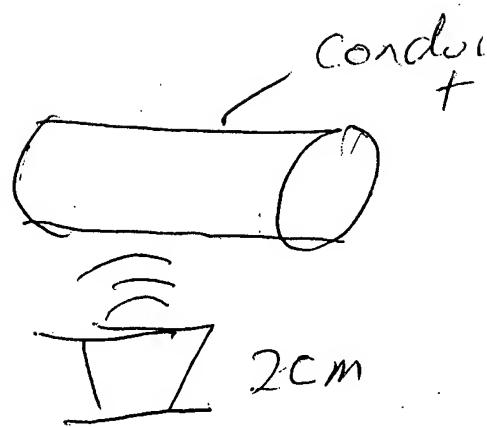


148 plural sample
containers
149 minitablet plate



158
159
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150



151
Flow processor

152 Acoustic processor

153 frequency processor

154 Feedback
state determine process

Mixing use

ABD

2cm

100-1042

Booth